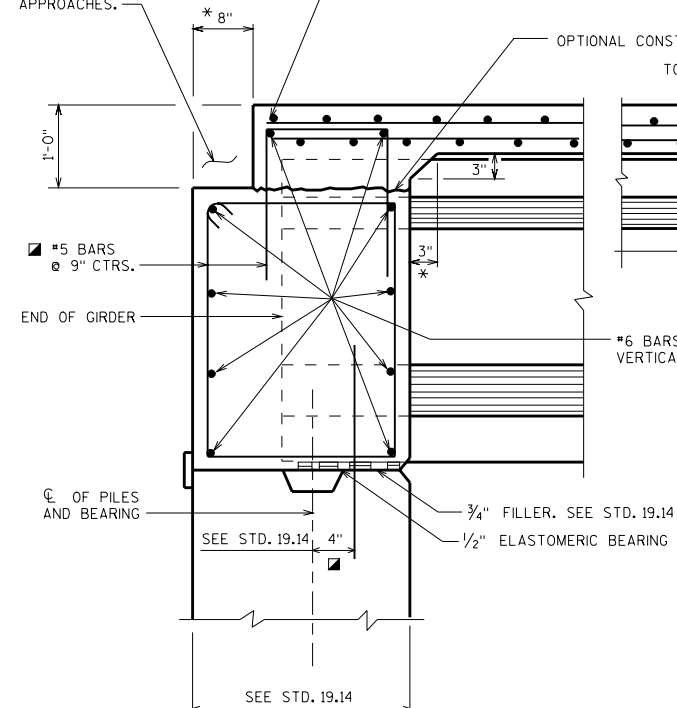
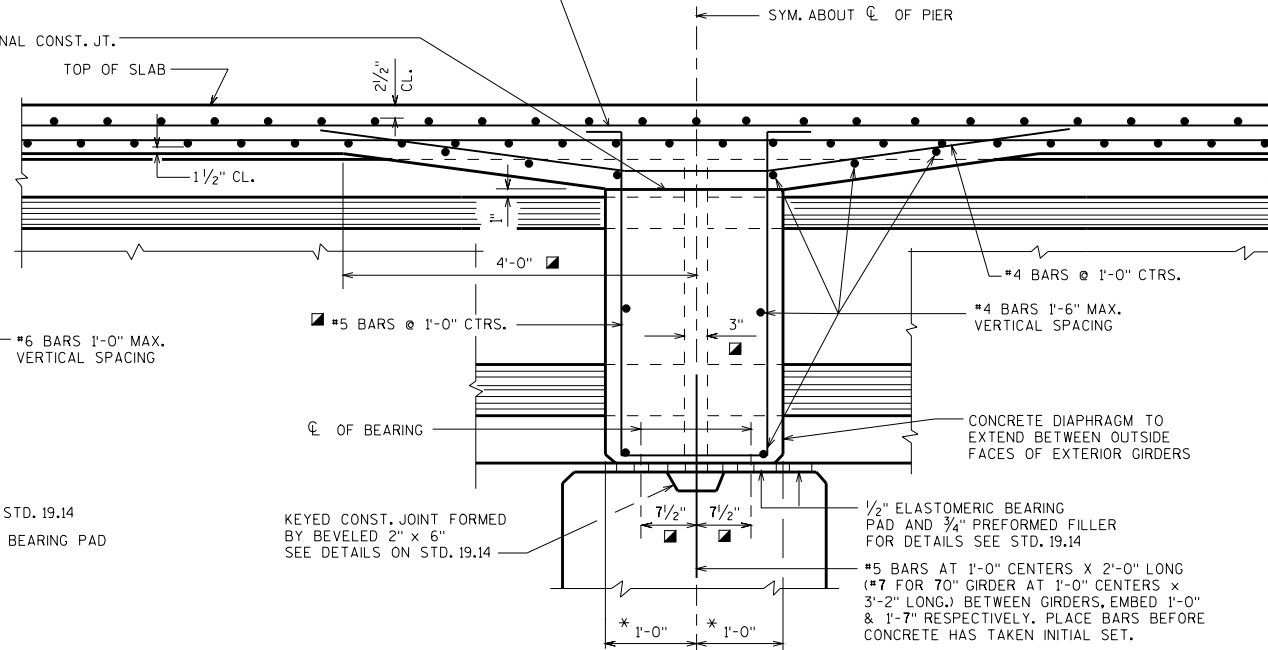


USE PAVING NOTCH ON ALL S.T.H. BRIDGES, ALL I.H. BRIDGES, AND C.T.H. BRIDGES WITH CONCRETE APPROACHES.



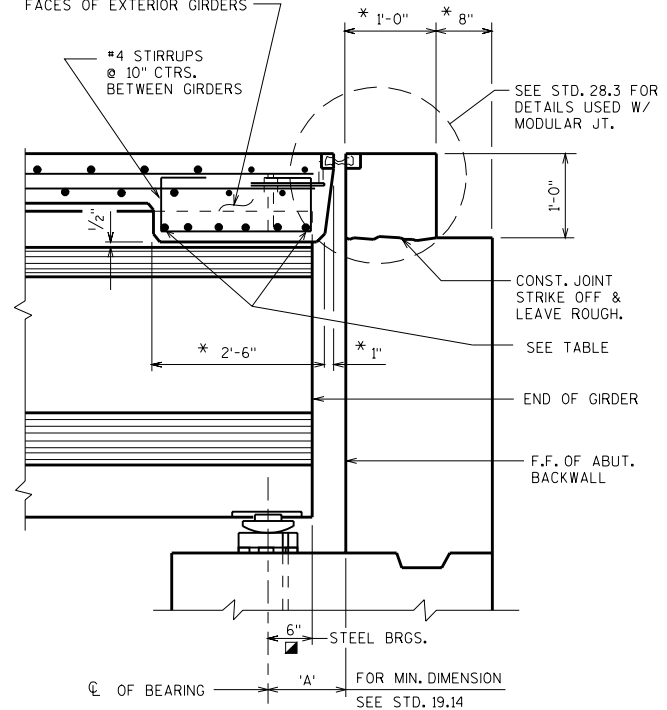
**FIXED END  
FOR SKEWED AND SQUARE STRUCTURES**

DESIGN BAR STEEL FOR SPANS WITH GIRDER CONTINUITY. USE #7 BARS x 16'-0" LONG ON SPANS WITHOUT CONTINUITY. SPLICE TO LONGITUDINAL BARS IN LONGER SPAN.



**DIAPHRAGM AT 1/2" ELASTOMERIC BEARING**

CONCRETE DIAPHRAGM TO EXTEND BETWEEN INSIDE FACES OF EXTERIOR GIRDERS

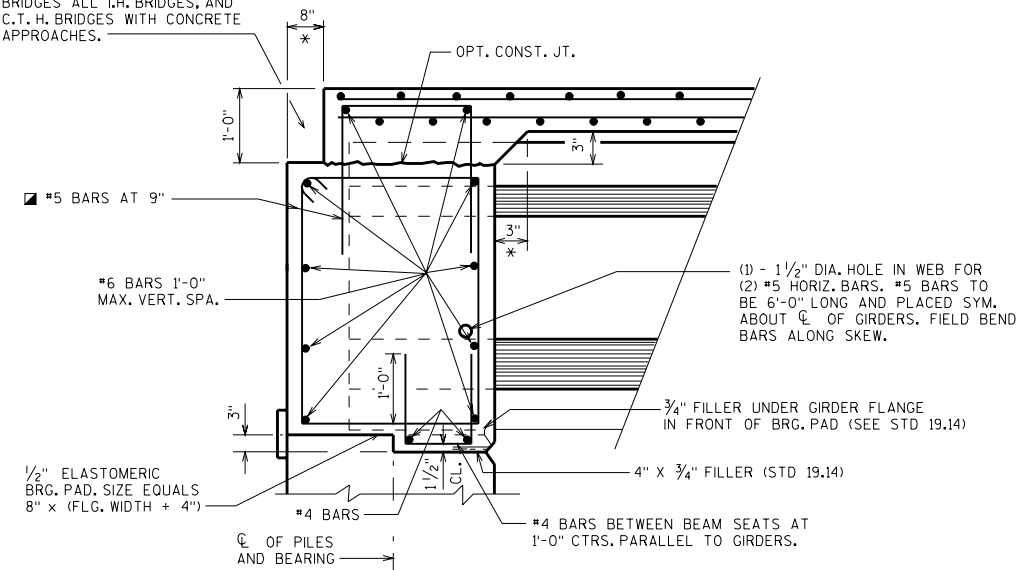


**EXPANSION END**

NOTE: FOR EXPANSION DEVICE DETAILS NOT SHOWN SEE STD. 28.1 FOR STRIP SEAL EXPANSION DEVICE.

SEE STD. 24.12 FOR TEMPORARY BRACING REQUIREMENT.

USE PAVING NOTCH ON ALL S.T.H. BRIDGES, ALL I.H. BRIDGES, AND C.T.H. BRIDGES WITH CONCRETE APPROACHES.



**PRESTRESSED GIRDER WITH  
SEMI-EXPANSION SEAT**

**EXPANSION END DIAPHRAGM STEEL**

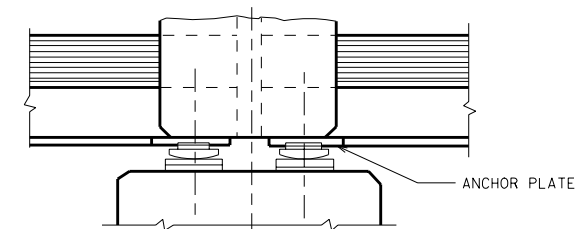
DIAPHRAGM LENGTH BETWEEN GIRDERS (CL TO CL OF GRDS.)	NO. OF BARS & BAR SIZE
≤ 8'-4"	6 - #6
> 8'-4" < 11'-4"	6 - #7
> 11'-4" < 15'-0"	6 - #8

### NOTES

LAP LENGTHS FOR ALL BARS SHALL BE BASED ON A "CLASS C" TENSION LAP SPLICE.

### LEGEND

- THESE DIMENSIONS PARALLEL TO GIRDER
- \* DIMENSION IS TAKEN NORMAL TO CL SUBSTRUCTURE UNITS.



**DIAPHRAGM AT STEEL OR ELASTOMERIC BEARINGS  
SECTION THRU HAUNCH AT PIER**

SEE STANDARD 19.20 FOR 54W" & 72W" PRETENSIONED GIRDERS, SLAB & SUPERSTRUCTURE DETAILS.

### PRETENSIONED GIRDERS SLAB & SUPERSTRUCTURE DETAILS

STATE OF WISCONSIN  
DEPARTMENT OF TRANSPORTATION  
STRUCTURES DEVELOPMENT SECTION

APPROVED: Stanley W. Woods

DATE:  
7-04